

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,413

DATE: 10/26/2001

TIME: 09:33:30

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Output Set: N:\CRF3\10262001\I944413.raw

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1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
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Output Set: N:\CRF3\10262001\I944413.raw

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101 <211> LENGTH: 2454

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103 <213> ORGANISM: Homo Sapien

104 <400> SEQUENCE: 1

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107      ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
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117      gactcacttc actttatggt ctgactctga acaacaacaa gctaacgaag 650
118      attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
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120      cagaactcag aattcatgaa aataaagtta agaaaatata aaaggacaca 800
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122      tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
123      atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
124      ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
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126      acaacaaaat cacagataat gaaaatggga gtcttgctaa cataccacgt 1100
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149   cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150   aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151   tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
152   gctctatata aatgctcaga gttctttatg tattttcttat tggcattcaa 2400
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157 <211> LENGTH: 379
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo Sapien
160 <400> SEQUENCE: 2
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163   Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164               20             25             30
165   Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166               35             40             45
167   Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168               50             55             60
169   Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170               65             70             75
171   Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172               80             85             90
173   Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174               95            100            105
175   Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176            110            115            120
177   Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178            125            130            135
179   Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180            140            145            150
181   Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182            155            160            165
183   Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184            170            175            180
185   Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186            185            190            195
187   Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188            200            205            210
189   Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190            215            220            225
191   Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192            230            235            240
193   Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194            245            250            255
195   Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196            260            265            270

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197      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198                      275                      280                      285
199      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                      290                      295                      300
201      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                      305                      310                      315
203      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                      320                      325                      330
205      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                      335                      340                      345
207      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                      350                      355                      360
209      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                      365                      370                      375
211      Asn Phe Gly Met
213 <210> SEQ ID NO: 3
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
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220      ggaaatgagt gcaaaccctc 20
222 <210> SEQ ID NO: 4
223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
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228 <400> SEQUENCE: 4
229      tccaagctg aacactcatt ctgc 24
231 <210> SEQ ID NO: 5
232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 5
238      gggtgacggt gttccatata agaattgcag aagcaaaact gacctcagtt 50
240 <210> SEQ ID NO: 6
241 <211> LENGTH: 3441
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
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247      cctccctccc tctcccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
248      ggccccgcgc gcccgctgc tgctcctcgg gctgctgctg ctccggctccc 200
249      ggccggcccc cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250

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VERIFICATION SUMMARY

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,413

TIME: 09:33:31

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